Run on:

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Database
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OM protein - protein search, using sw model
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    70.5
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1: /cgn2_6/ptodata/1,
2: /cgn2_6/ptodata/1,
3: /cgn2_6/ptodata/1/
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
/cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
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/cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/B_COMB.pep:*
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US - 08 - 313 - 185 - 53
US - 08 - 459 - 499 - 17
US - 09 - 082 - 614 A - 53
US - 09 - 085 - 761 A - 8
US - 09 - 085 - 761 A - 8
US - 08 - 921 - 887 - 52
US - 09 - 134 - 001C - 3765
US - 08 - 821 - 984 - 6
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US-08-916-576B-7
US-08-916-576B-4
US-08-916-576B-4
US-08-984-681-5
US-09-258-643-5
US-09-258-643-5
US-09-258-643-5
US-09-313-881-5
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US-09-247-155-106
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: YU, GUO-LIANG
APPLICANT: DILLON, PATRICK J.
APPLICANT: EBNER, REINHARD
APPLICANT: ENDRESS, GREGORY A.
TITLE OF INVENTION: NOVEL HUMAN GROWTH FACTORS
NUMBER OF SEQUENCES: 45
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Result

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70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6		6.6
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US-09-280-909A-4	US-09-395-453-2	US-09-146-620-2	US-09-093-539-98	US-09-224-480-98	US-08-657-162-98	US-09-119-263-98	US-08-955-660-2	US-08-779-400-2	US-08-485-445A-98	US-08-377-391A-2	US-08-274-303-6	US-08-473-344-98	US-08-209-762-98	US-08-261-660A-4	US-08-306-473A-98	US-08-372-105-98	US-08-372-783-98
Sequence 4, Appli	Sequence 2, Appli	74	•	Sequence 98, Appl	Sequence 98, Appl	Sequence 98, Appl	Sequence 2, Appli	Sequence 2, Appli	•		Sequence 6, Appli	•	Sequence 98, Appl	Sequence 4, Appli	•	•	Sequence 98, Appl

## ALIGNMENTS

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US-08-916-576B-2
                                                                                                                                                    TELEFAX: (202) 371-2540
INFORMATION FOR SED ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 175 amino acids
TYPE: amino acid
                                 Matches 175;
                                                     Query Match
Best Local Similarity
                                                                                                                                                                                                                                                           CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/024,347
FILING DATE: 23-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: STEFFE, ERIC K.
REGISTRATION NUMBER: 36,688
REGISTRATION NUMBER: 1488.050001
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA: APPLICATION NUMBER: US
                                                                                                                         MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                       TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0, Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 1100 NEW CITY: WASHINGTON
                                                                                                                                                                                                                                              TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: DC
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32 MEKIPVSAFLLLVALSYTLARDTTVKPGAKKDTKDSRPKLPQTLSRGWGDQLIWTQTYEE 91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    20005-3934
                                                                                                                                                                          175 amino acids
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(202) 371-2540
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                                                   84.6%;
100.0%;
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; LOCATION: -20..-1
US-09-247-155-106
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CURRENT FILING DATE: 1999-02-09
EARLIER APPLICATION NUMBER: 60/074,121
EEARLIER FILING DATE: 1998-02-09
EARLIER APPLICATION NUMBER: 60/081,563
EEARLIER FILING DATE: 1998-04-13
EARLIER APPLICATION NUMBER: 60/096,116
EEARLIER FILING DATE: 1998-08-10
EARLIER FILING DATE: 1998-09-10
EARLIER APPLICATION NUMBER: 60/099,273
EARLIER APPLICATION NUMBER: 60/099,273
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                                                                                                                   Sequence 8, Application U
Patent No. 6171816
GENERAL INFORMATION:
APPLICANT: YU, GUO-LI
APPLICANT: DILLON, PA
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SEQ ID NO 106
LENGTH: 175
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Patent No. 63129
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APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: Complement
FILE REFERENCE: GENSET 021A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Dumas Milne Edwards, Jean-Baptiste
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
   NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: STERNE, K
                                                           APPLICANT: ENDRESS, GREGORY A.
TITLE OF INVENTION: NOVEL HUMAN GROWTH FACTORS
                                                                                                   APPLICANT:
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                                                                                                                                                                                                                                                                                                MEKIPVSAFLLLVALSYTLARDTTVKPGAKKDTKDSRPKLPQTLSRGWGDQLIWTQTYEE 60
                                                                                                                                                                                                                                                                                                                                                                         ALYKSKTSNKPLMIIHHLDECPHSQALKKVFAENKEIQKLAEQFVLLNLVYETTDKHLSP
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DILLON, PATRICK J.
EBNER, REINHARD
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       KESSLER,
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Pred. No. 1.2e-95;
       GOLDSTEIN & FOX, P.L.L.
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CURRENT APPLICATION NUMBER: US/09/247,155A
CURRENT FILING DATE: 1999-02-09
EARLIER APPLICATION NUMBER: 60/074,121
EARLIER FILING DATE: 1998-02-09
EARLIER FILING DATE: 1998-04-13
EARLIER APPLICATION NUMBER: 60/096,116
EARLIER FILING DATE: 1998-04-13
EARLIER FILING DATE: 1998-08-10
EARLIER FILING DATE: 1998-08-10
EARLIER FILING DATE: 1998-08-10
EARLIER FILING DATE: 1998-08-10
EARLIER APPLICATION NUMBER: 60/099,273
EARLIER FILING DATE: 1998-10-04
NUMBER OF SEQ ID NOS: 182
SOFTWARE: Patent.pm
SEQ ID NO 174
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                                                                                                                                                                                                                                                                                                                                                                                         Sequence 174, Application US/09247155A
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Best Local Similarity
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                                                                                                                                                                                                                                                      APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: Complementary DNAS
FILE REFERENCE: GENSET.021A
                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                               APPLICANT: Dumas Milne Edwards, Jean-Baptiste
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      96
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET:
                                                                                                                                                                                                                                                                                                                                                     INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     122;
                                                                                                                                                                                                                                                                                                                                                                           63129
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TELEFAX: (202) 371-2540 INFORMATION FOR SEQ ID NO: 1
                                                                                                                                                                                                                                                                                                                           LENGTH: 170 amino acids
TYPE: amino acid
STRANDEDNESS: not relevan
TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: 14
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 23-AUG-1996 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Patentin Rel CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA: APPLICATION NUMBER: 1
                    156 VPRIMEVDPSLTVRADITGRYSNRLYAYEPADTALLLDNMKKALKLLKTEL 206
                                                                                                                                                                             NAME: STEFFE, ERIC K. REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
                                                                                                  SKTSNKPLMIIHHLDECPHSQALKKVFAENKEIQKLAEQFVLLNLVYETTDKHLSPDGQY 155
VPRIMFVDPSLTVRADIXGRYGNRLYAYEPXDXPLLIXNMKKALKLLKTEL
                                                                            AXXSNKPLMVIHHLEDCPYSQALKKVFAENXEIQELAQNFVMLNLVHETTDENLSPDGQY
                                                                                                                                                        LGACLLLVALSXXLA-----XXXKGKDXRPIKGPQTLSRGWGDXIXWVQTYEEGLXK 58
                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                    not relevant
                                                                                                                                                                                                                                                       57.3%;
71.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Release #1.0, Version #1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US 60/024,347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US/08/916,576B
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        8:
                                                                                                                                                                                                                                    14;
                                                                                                                                                                                                                                                       Score 609.5; DB 4
Pred. No. 2.5e-62;
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                                                                                                                                                                                                                                    Mismatches
                                                                                                                                                                                                                                                                       DB 4;
                                                                                                                                                                                                                                    26;
                                                                                                                                                                                                                                                                       Length
                                                                                                                                                                                                                                    Indels
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<u>ب</u>

FEATURE:

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ORGANISM: Homo sapiens

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NAME/KEY: UNSURE
LOCATION: 40.41,43,60,70,76,82,86,105,107
THER INFORMATION: Xaa = any one of the twenty amino acids
US-09-247-155-174
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; MOLECULE TYPE: protein US-08-916-576B-6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 6, Application US/08916576B Patent No. 6171816 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                                                   TELEFAX: (202) 371-25. INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION: -20..-1
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                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 166 amino acids
                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 61
FILING DATE: 23-AUG-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                   REFERENCE/DOCKET NUMBER: 14
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             152 DGQYVP 157
                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             92 ALYKSKTSNKPLMIIHHLDECPHSQALKKVFAENKEIQKLAEQFVLLNLVYETTDKHLSP 151
                                                                                                                                                                                     NAME: STEFFE, ERIC K. REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             61 XLXKSKTSNKPLMIIHHLDXCPHSQALKKXFAENKXIQKLAXQFVXLNLVYETTDKHLSP
                               TOPOLOGY:
                                                                                                                                                                                                                                                                                            CLASSIFICATION: 536
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                                                                                                                                   TELEPHONE:
                                                               LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 WASHINGTON
                                               amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DILLON, PATRICK EBNER, REINHARD
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SYSTEM: PC-DOS/MS-DOS
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92.9%;
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                                                                                                                                       371-2600
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                                                                                                                                                                               36,688
                                                                                                     6:
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Pred. No. 5.6e-62;
                                                                                                                                                                       1488.0500001
                                                                                                                                                                                                                                                                                                                                                            Version #1.30
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                                                                                                   Matches
                                                                                                               Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX, P.L.L.C.
                                                                                                                                                                             TOPOLOGY: 1i
                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60
FILING DATE: .23-AUG-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    120 MFVDPSLTVRADIAGRYSNRLYTYEPRDLPLLIENMKKALRLIQSEL 166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   101 KPLMIIHHLDECPHSQALKKVFAENKEIQKLAE-QFVLLNLVYETTDKHLSPDGQYVPRI 159
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 1100 NEW CITY: WASHINGTON STATE: DC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        41 LLLVALSYTLARDTTVKPGAKKDTKDSRPKLPQTLSRGWGDQLIWTQTYEEALYKSKTSN 100
 90
                                                                                                                                                                                                                                  TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     11 LLLVTVSSNLA--IAIK-----KEKRP--PQTLSRGWGDDITWVQTYEEGLFYAQKSK
                                                                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                                                              LENGTH:
                                                                                                                                                                                                                                                                                                  TELEFAX:
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                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 36, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER:
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EEALYKSKTSNKPLMIIHHLDECPHSQALKKVFAENKEIQKLA-EQFVLLNLVYETTDKH 148
                                SLVCLVLLCSALGEAVLKKPKKQAGTTDTKTDQEPAPIKTKGLKTLDRGWGESIEWVQTY 65
                                                             AFLLLVALSYTLARDTTVKP----GAKKDTKDSRPKLP-----QTLSRGWGDQLIWTQTY 89
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                                                                                                                                                                                                                                 amino acid
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                                                                                                                                                                                                                                              183 amino acids
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                                                                                                                                                                                                                                                                                             (202) 371-2600
(202) 371-2510
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                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              E: Floppy disk
IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     YU, GUO-LIANG
                                                                                                                                                                                                  linear
                                                                                                                                                                               peptide
                                                                                                                                                                                                                not relevant
                                                                                                               42.1%;
49.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NOVEL HUMAN GROWTH FACTORS
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64.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GREGORY A.
                                                                                                                                                                                                                                                                                                                                                                                                                                US 60/024,347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US/08/916,576B
                                                                                                                                                                                                                                                                                                                                                              36,688
                                                                                                  29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   28; Mismatches
                                                                                                                                                                                                                                                                                                                                                  1488.0500001
                                                                                                               Score 448; DB 4;
Pred. No. 1.1e-43;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 555; DB 4;
Pred. No. 4.5e-56;
                                                                                              Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      19;
                                                                                                                             Length 183;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 166;
                                                                                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
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                                                                                              Gaps
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RESULT 8
US-08-884-681-5
Sequence 5, Application US/08884681
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Patent No. 6171816
GENERAL INFORMATION:
APPLICANT: YU, GUO-LIANG
APPLICANT: EDILLON, PATRICK J.
APPLICANT: EBNER, REINHARD
APPLICANT: ENDRESS, GREGORY A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     οy
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                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 14:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OPERATING SYSTEM: PC-D
SOFTWARE: PatentIn Rel
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 172 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 1
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                 107 HHLDECPHSQALKKVFAENKEIQKLAEQFVLLNL--VYETTDKHLSPDGQVVPRIMFVDP 164
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                                                                                                                                                                                                                                                               66 DSRPKLPQT-----LSRGWGDQLIWTQTYEEALYKSKTSNKPLMII 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: STEFFE, ERIC K.
REGISTRATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 20005-3934
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/916,576B
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                                                                                                                                                                                                                               2 ETRPRLGATCLLGFSFLLLVISSDGHNGLGKGFGDHIHW-RTLEDGKKEAAASGLPLMVI 60
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                                                                                                                           SLTVRADITGRYSNRLYAYEPADTALLLDNMKKALKLL 202
                                                                                                                                                               IHKSWCGACKALKPKFAESTEISELSHNFVMVNLEDEEEPKDEDFSPDGGYIPRILFLDP 120
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                                                                                                                                                                                                                                                                                                                                                                                                                         amino acid
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VENTION: NOVEL HUMAN GROWTH FACTORS
                                                                                                                                                                                                                                                                                                     Conservative
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RESULT 9
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                                                 Sequence 5, Application US/09258643 Patent No. 6277373 GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
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APPLICANT: Lal, pre
APPLICANT: Corley,
APPLICANT: Shah, pu
TITLE OF INVENTION:
                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 95
REFERENCE/DOCKET NUMBER: PE
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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FILING DATE: Filed Herewith
PRIGR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
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OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
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LIBRARY: GenBa
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     APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity 23.7 les 45; Conservative
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3174 Porter Drive
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Hillman, Jennifer L.
Lal, Preeti
Corley, Neil C.
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Pred. No. 1.8;
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TITLE OF INVENTION:

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NEW HUMAN PHOSPHATIDYLINOSITOL

NUMBER OF SEQUENCES:

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                                                                                                                                                                                    RESULT 10
                                                                                                                  Sequence 7, Applicati
Patent No. 6001354
GENERAL INFORMATION:
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Best Local :
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                                                          APPLICANT:
         APPLICANT: Majerus, Philip W.
TITLE OF INVENTION: No. 6001354el Grb2 Associating Protein and Nucleic
TITLE OF INVENTION: Acids Encoding Therefor
NUMBER OF SEQUENCES: 10
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LIBRARY: GenBank
CLONE: 1420920
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SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
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                                                                                        APPLICANT:
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CORRESPONDENCE ADDRESS:
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REGISTRATION NUMBER: 36,749
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                                                                        Williams, Lewis T.
Jefferson, Anne Bennett
                                                                                                         Pot, David A.
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23.7%;
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Pred. No. 1
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US-09-418-540-7; Sequence 7, Application; Patent No. 6296848
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REFERENCE/DOCKET NUMBER: 23
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Crew
                                                                                                                                                                                                                                                            APPLICANT: Jefferso
APPLICANT: Majerus,
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                            APPLICANT: APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     714 SKDSVTILNS 723
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 662 FQISNNGQVPCHFSFIPKLNDSQYCKPWLRAEPFEGYLEPNETV--DIS----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 606 FHIGVKVVDE----RRYRKVFEDSVRIMDRMENDFLPSLELSRREFVFENVKFRQLQKGK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               107 HHL-----DECPHSQALKKVFAENKEIQKLAE-----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    551 TYKYDSKTDRWDSSGKCRVP-----AWCDRILWRGTNVNQLNYRSHMLLKTSDHKPVSAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                185 PADTALLLDN 194
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity 23.7%; nes 45; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               55 TVKPGAKKDTKDSRPK--LPQTLSRGWGDQLIWTQTYEEAL-YKS----KTS-NKPLMII 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
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                                                                 CITY:
                                                                                                STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   -HLSPDGQ----YVPRIM----
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                                                          San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 amino acid
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                               California
                                                                                                                                                                                   Pot, David A.

Pot, David A.

Williams, Lewis T.

Jefferson, Anne Bennett

Majerus, Philip W.

Majerus, Philip W.

Majerus, No. 6296848el Grb2 Associating A.

MARTION: No. 6296848el Grb2 Associating A.

MARTING A.

MARTING
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One Market Plaza, Steuart Tower,
                                                                                                One Market Plaza,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Region 1..968
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
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Pred. No. 2;
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                                                                                                Steuart
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                                                                                             Tower,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 3;
                                                                                             Suite 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ----OFVLLNLVYETTDK--
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US-09-534-638-5
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                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Panula, Pertti A.J.
APPLICANT: Brandt, Annika
APPLICANT: Westerlund, Johanna
TITLE OF INVENTION: Promoter for Neuropeptide FF Promoter and use thereof
TITLE OF INVENTION: for therapy and diagnosis
                               FILE REFERENCE: 2530-104
CURRENT APPLICATION NUMBER: US/09/534,638
CURRENT FILING DATE: 2000-03-27
EARLIER APPLICATION NUMBER: 09/365755
EARLIER FILING DATE: 1999-08-03
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                         Sequence 5, Application US/09534638 Patent No. 6320038
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local 9
LENGTH: 1
TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: 415-326-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 08/560,005 FILING DATE: 17-NOV-1995 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Patentin Reli
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: protein
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   714 SKDSVTILNS 723
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              107 HHL-----DECPHSQALKKVFAENKEIQKLAE------QFVLLNLVYETTDK-- 147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       185 PADTALLLDN 194
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    148 -HLSPDGQ-----YVPRIM-----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          606 FHIGVKVVDE----RRYRKVFEDSVRIMDRMENDFLPSLELSRREFVFENVKFRQLQKGK 661
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        551 TYKYDSKTDRWDSSGKCRVP-----AWCDRILWRGTNVNQLNYRSHMLLKTSDHKPVSAL 605
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LOCATION: 1..968
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 968 amino acids TYPE: amino acid TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              55 TVKPGAKKDTKDSRPK--LPQTLSRGWGDQLIWTQTYEEAL-YKS----KTS-NKPLMII 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: Region LOCATION: 1..968
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 29
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: 14-OC
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Local Similarity 23.7%;
es 45; Conservative 33
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FQISNNGQVPCHFSFIPKLNDSQYCKPWLRAEPFEGYLEPNETV--DIS-----LDVYV 713
                  129
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                415-326-2422
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                                                                                                           ; LIBRARY: LUNGNO;
; CLONE: 1376382
US-09-013-881-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No. 6132964
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Best Local Similarity 22.9%;
Matches 16; Conservative
                                               Matches
                                                                          Query Match
                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 453 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                       TOPOLOGY: line
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: PF
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 1
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              25 VRKSRVAMEKIPVSAFLLLVALSYTLARDTTVKPGAKKDTKDSRPKLPQTLSRGWGDQLI 84
                                                            Local
                                                                                                                                                                                                                                                                                                                                              NAME: BILLINGS, LUCY J
REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
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                                                                                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                                                   TELEFAX: 650-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
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                                             al Similarity 22.5%;
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3174 Porter Drive
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                                            7.3%; Score 78; DB 4; Length 453
22.5%; Pred. No. 1.7;
ive 34; Mismatches 79; Indels
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Pred. No. 0.26;
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PCT-US92-05401-4
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                Sequence 53, Application US/08313185 Patent No. 5851763 GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 4:
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APPLICATION NUMBER: PC
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NAME: Feit, Irving N.
REGISTRATION NUMBER: 28,601
REFERENCE/DOCKET NUMBER: LEI
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   APPLICANT:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
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                                                                                                                                                                                                                                                                                  Local Similarity nes 27; Conserv
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                                                                                                                                                                                                                                                                                                     Score 78;
Pred. No.
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No. 6.7;
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Job time :
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Best Local Similarity
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CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
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TELECOMMUNICATION INFORMATION:
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                                                                            379
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                                                                                                                                                  325 APDIIPDPFDPSKKRKPTMLVTDLLRFDPEYEKISRRFLNDPEFEAFARAW-----FKL 378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Meyers, Kenneth J. REGISTRATION NUMBER: 25,146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/313,185 FILING DATE: 12-OCT-1994
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1300 I Street, N.W.
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Young, Douglas
Zhang, Ying
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PC-DOS/MS-DOS
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20.7%;
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Maximum Match 100%
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Maximum DB
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Perfect score:
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re greater than or equal to the score of the result being printed,
is derived by analysis of the total score distribution.
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seq length: 2000000000
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1: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep:*

2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep:*

3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep:*

4: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep:*

5: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep:*

6: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep:*

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9: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep:*

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18: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep:*
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US-10-230-1637-74

US-10-218-631-74

US-10-230-338-74

US-10-078-338-74

US-10-078-337-6

US-10-078-337-6

US-10-078-337-6

US-10-027-884-116

US-10-027-96-54

US-10-066-273-54

US-10-066-273-54

US-10-066-193-54

US-10-066-193-54

US-10-066-111-54

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US-10-230-338-116
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Sequence 2, Appli
Sequence 74, Appl
Sequence 8, Appli
Sequence 64, Appl
Sequence 116, Appl
Sequence 54, Appl
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-337-2  2 Application US/10078337  LINFORMATION:  AL INFORMATION:  AL INFORMATION:  APPLICANT: YU, GUO-LIANG DILLON, PATRICK J.  EBNER, REINHARD ENDRESS, GREGORY A.  FITTLE OF INVENTION: NOVEL HUWA  CORRESPONDENCE ADDRESS:  ADDRESSE: STERNE, KESSLE STREET: 1100 NEW YORK AVE CITY: WASHINGTON  STATE: DC COUNTRY: US ZID: 20005-3934  COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk COMPUTER: IBM PC COMPALL OPERATING SYSTEM: PC-DOS SOFTWARE: PatentIn Release CURRENT APPLICATION NUMBER: US/10 FILING DATE: 21-Feb-2002  CLASSIFICATION: UNMBER: US/10 FILING DATE: CURKNOWN- APPLICATION NUMBER: 08/91 FILING DATE: CURKNOWN- APPLICATION NUMBER: 375-EFFE, ERIC K. REGISTRATION: NAME: STEFFE, ERIC K. REGISTRATION INFORMATION: REFERENCE/DOCKET NUMBER: TELEPHONE: (202) 371-2540  MANTION FOR SEQ ID NO: 2: SEQUENCE: 175 amino acids TYPE: amino acids		$\begin{array}{c} 5 \\ 5 \\ 5 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\$
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N GROWTH FACTORS RR, GOLDSTEIN & FOX, NUE, SUITE 600  MS-DOS e #1.0, Version #1.3 e #1.7078,337	ALIGNMENTS	08-09-956-751-1 08-10-025-380-631 08-09-922-217-631 08-09-932-237-631 08-09-933-263-631 08-10-078-337-7 08-10-278-84-194 08-10-230-163-194 08-10-230-163-194 08-10-230-163-194 08-10-230-163-194 08-10-230-163-194 08-09-981-887-5 08-09-982-287-5 08-09-981-33-48 08-09-981-33-48 08-09-815-242-13244 08-09-815-242-13244 08-09-815-242-13582 08-10-017-910-7 08-09-849-566-6 08-09-984-566-8 08-09-997-859-6 08-09-997-859-8 08-09-997-859-8 08-09-997-859-8 08-09-997-859-8 08-09-997-859-8 08-09-997-859-8 08-09-997-859-8 08-09-997-859-8 08-09-997-859-8 08-09-997-859-8 08-09-997-859-8 08-09-997-859-8 08-09-997-859-8 08-09-997-859-8 08-09-997-859-8 08-09-997-859-8 08-10-004-139-2 08-10-004-139-2
P.L.L.C.		Sequence 1, Appli Sequence 631, App Sequence 631, App Sequence 631, App Sequence 194, Appli Sequence 194, App Sequence 194, App Sequence 194, Appli Sequence 194, Appli Sequence 7, Appli Sequence 10732, A Sequence 13242, A Sequence 13242, A Sequence 6, Appli Sequence 6, Appli Sequence 8, Appli Sequence 189, Appli Sequence 189, Appli Sequence 189, Appli

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; TYPE: PRT
; ORGANISM: human
US-09-792-439-2
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US-10-227-884-74
; Sequence 74, Application US/10227884
; Publication US20030027988A1
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                      APPLICANT: Baker, Kevin P.
APPLICANT: Desnoyers, Luc
APPLICANT: Gerritsen, Mary
APPLICANT: Goddard, Audrey
APPLICANT: Goddwski, Paul dependent of the common of the common
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Best Local Simi
Matches 175;
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PRIOR FILING DATE: 2000-02-25
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSEQ for Windows Version 4
SEQ ID NO 2
LENGTH: 175
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APPLICANT: Terrett, Jonathan Alexander
APPLICANT: Tyson, Kerry Louise
TITLE OF INVENTION: Diagnostic and Therapeutic
FILE REFERENCE: 2543-1-005M
CURRENT APPLICATION NUMBER: US/09/792,439
CURRENT FILING DATE: 2001-02-23
CURRENT FILING DATE: 2001-02-23
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  APPLICANT:
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Gerritsen, Mary
Gurney,
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PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/064103
PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/069873
PRIOR APPLICATION NUMBER: 60/078910
PRIOR APPLICATION NUMBER: 60/078910
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
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PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/062287
PRIOR FILING DATE: 1997-10-17
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PRIOR APPLICATION NUMBER: 10/119,480
PRIOR FILING DATE: 2002-04-09
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APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3530P1C79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/227,884
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OR APPLICATION NUMBER: 60/086392
OR FILING DATE: 1998-05-22
OR APPLICATION NUMBER: 60/089532
OR FILING DATE: 1998-06-17
OR APPLICATION NUMBER: 60/089538
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DR FILING DATE: 1998-04-15
DR APPLICATION NUMBER: 60/081955
DR FILING DATE: 1998-04-15
DR APPLICATION NUMBER: 60/082804
DR FILING DATE: 1998-04-22
DR FILING DATE: 1998-04-22
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APPLICATION NUMBER: 60/
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FILING DATE: 1998-03-26
APPLICATION NUMBER: 60/079728
FILING DATE: 1998-03-27
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FILING DATE: 1998-06-18
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APPLICATION NUMBER: 60/085323
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APPLICATION NUMBER: 60/085579
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FILING DATE: 1998-03-25
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Stephan, Jean-Philippe
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OR FILING DATE: 1999-01-12
OR APPLICATION NUMBER: 60/115565
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OR FILING DATE: 1999-02-10
OR APPLICATION NUMBER: 60/123618
OR FILING DATE: 1999-03-10
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DR FILLING DATE: 1998-11-18
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DR APPLICATION NUMBER: 60/149320
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APPLICATION NUMBER: 60/131445
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FILING DATE: 1999-04-05
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APPLICANT: Baker, Kevin P APPLICANT: Desnoyers, Lu APPLICANT: Gerritsen, Ma APPLICANT: Goddard, Audr APPLICANT: Godowski, Pau APPLICANT: Grimaldi, J.

Desnoyers, Luc Gerritsen, Mary Goddard, Audrey Goddowski, Paul J. Grimaldi, J. Christopher

Application US/10230163 No. US20030036635A1

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60/100385 60/100038 60/099816 60/099812 60/099811 60/099803 60/099598 60/099596

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APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Stephan, Jean-Philippe
APPLICANT: Watanabe, Colin L.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TF
TITLE OF INVENTION: ACIDS ENCODING
                                                            PRIOR
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TITLE OF INVENTION: ACIDS ENCODING TH
FILE REFERENCE: P53309D196
CURRENT APPLICATION NUMBER: US/10/230,
CURRENT FILING DATE: 2002-08-28
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OR APPLICATION NUMBER: 10/119/480
OR FILING DATE: 2002-04-09
OR APPLICATION NUMBER: 60/059113
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DR APPLICATION NUMBER: 60/079656
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Smith, Victoria
Stephan, Jean-Philippe
Watanabe, Colin L.
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OR FILING DATE: 1998-11-17
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OR APPLICATION NUMBER: 60/108801
OR APPLICATION NUMBER: 60/108849
OR APPLICATION NUMBER: 60/112422
OR FILING DATE: 1998-11-18
OR APPLICATION NUMBER: 60/112422
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OR APPLICATION NUMBER: 60/113296
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OR FILING DATE: 1998-12-22
OR APPLICATION NUMBER: 60/113605
OR FILING DATE: 1998-12-23
OR APPLICATION NUMBER: 60/113621
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OR FILING DATE: 1998-09-15
OR APPLICATION NUMBER: 60/100627
OR APPLICATION NUMBER: 60/100848
OR FILING DATE: 1998-09-16
OR APPLICATION NUMBER: 60/1010919
OR FILING DATE: 1998-09-17
OR FILING DATE: 1998-09-23
OR APPLICATION NUMBER: 60/10173
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OR APPLICATION NUMBER: 60/10174
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OR FILING DATE: 1998-09-24
OR APPLICATION NUMBER: 60/10176
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OR APPLICATION NUMBER: 60/10178
OR APPLICATION NUMBER: 60/101916
OR FILING DATE: 1998-09-24
OR APPLICATION NUMBER: 60/101916
OR FILING DATE: 1998-09-24
OR APPLICATION NUMBER: 60/10192
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OR FILING DATE: 1998-10-29
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APPLICATION NUMBER: 60/11556
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FILING DATE: 1998-09-10
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60/125775 60/125259 60/123618 60/119549

FILING DATE:

APPLICATION NUMBER:

60/131022

1999-04-999-04-05 .999-03-

60/130232

DATE:

NUMBER:

60/127887

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RESULT 5
US-10-218-631-74
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                                                                Sequence 74, Application US/10218631 Publication No. US20030045687A1 GENERAL INFORMATION:
 APPLICANT:
APPLICANT:
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                                                 APPLICANT: Baker, Kevin P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 1999-07-20
APPLICATION NUMBER: 60/145698
FILING DATE: 1999-07-26
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APPLICATION NUMBER: 60/144758
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FILING DATE: 1999-05-14
APPLICATION NUMBER: 60/140650
FILING DATE: 1999-06-22
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                                                                                                                                                                                                                                                                         ALYKSKTSNKPLMIIHHLDECPHSQALKKVFAENKEIQKLAEQFVLLNLVYETTDKHLSP
                                                                                                                                                                                                                                                                                                                      MEKESVSAILLLVAISGTLAKDTTVKSGSKKDPKDSRPKLPQTLSRGWGDQLIWTQTYEE
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Desnoyers, Luc
Gerritsen, Mary
Goddard, Audrey
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91.4%;
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US-10-230-338-74
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                                                                                                                                                                                                            Sequence 74, Application US/10230338 Publication No. US20030044934A1 GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                        APPLICANT:
APPLICANT:
                                                                    APPLICANT:
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PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/062287
PRIOR FILING DATE: 1997-10-17
                                                                                                                                                                                           APPLICANT: Baker,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/079728 PRIOR FILING DATE: 1998-03-27
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PRIOR FILING DATE: 1998-03-25
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PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/064103
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND TITLE OF INVENTION: ACIDS ENCODING THE SAME
                  APPLICANT
                                 APPLICANT:
                                                 APPLICANT:
                                                                                                        APPLICANT:
                                                                                                                         APPLICANT:
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 INVENTION:
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                                                                  Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Smith, Victoria
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Smith, Victoria
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                                                                                                                                           Goddard, Audrey
                                                                                                                                                       Gerritsen, Mary
                                                                                                                                                                       Desnoyers,
                  Watanabe, Coli
Wood, William
                               Stephan, Jean-Philippe
Watanabe, Colin L.
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SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
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91.4%;
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Pred. No. 4
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CURRENT APPLICATION NUMBER: US/10/230,338

ION: ACIDS ENCODING THE SAME P3530P1C92

REFERENCE:

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US-10-078-337-8
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US-10-230-338-74
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Best Local Similarity 91.4%;
Matches 160; Conservative
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PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/062287
PRIOR FILING DATE: 1997-10-17
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                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: YU, GUO-LIANG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 175
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   121
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   92 ALYKSKTSNKPLMIIHHLDECPHSQALKKVFAENKEIQKLAEQFVLLNLVYETTDKHLSP 151
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APPLICATION NUMBER: 60/
FILING DATE: 1997-10-31
             ZIP: 20005-3934

COMPUTER READABLE FORM:
MEDIUM TYPE: FlOppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 60/069873 FILING DATE: 1997-12-17
CURRENT
                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: STERNE, KESSLER,
STREET: 1100 NEW YORK AVENUE
                                                                                                                                                                                                                                                                       ENDRESS, GREGORY A.
TITLE OF INVENTION: NOVEL HUMAN GROWTH FACTORS
NUMBER OF SEQUENCES: 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 60/079656
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                                                                                                                                                                                    CITY: WASHINGTON
                                                                                                                                           COUNTRY:
                                                                                                                                                                   STATE: DC
                                                                                                                                                                                                                                                                                                                                    DILLON, PATRICK J. EBNER, REINHARD
                                                                                                                                             SD
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                                                                                                                                                                                                          YORK AVENUE,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 830; DB 9; 1
Pred. No. 4.1e-79;
8; Mismatches 7;
                                                                                                                                                                                                        GOLDSTEIN & FOX,
E, SUITE 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 175,
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TOPOLOGY: linear;
MOLECULE TYPE: peptide;
SEQUENCE DESCRIPTION: SEQ ID NO:
US-10-078-337-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 8
US-10-066-500-54
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Avi J. Ashkenazi
            TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME
                                            APPLICANT:
                                                        APPLICANT:
                                                                         APPLICANT:
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INFORMATION FOR SEQ ID NO: 8:
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REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     7 LGACLLLVALSXXLA------XXXKGKDXRPIKGPQTLSRGWGDXIXWVQTYEEGLXK 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2540
TELEFAX: (202) 371-2540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 08/916,576
FILING DATE: <Unknown>
ATTORNEY/AGENT_INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SKTSNKPLMIIHHLDECPHSQALKKVFAENKEIQKLAEQFVLLNLVYETTDKHLSPDGQY 155
                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        54,
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                                                                                                                                                                                                                                                                                                                                                                                                                                        4, Application US/10066500 US20020177165A1
                                                                   Timothy A. Stewart
Daniel Tumas
Colin K. Watanabe
P.Mickey Williams
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 170 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: STEFFE, ERIC K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/10/078,337 FILING DATE: 21-Feb-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION DATA
                                                                                                                                                                                              Austin L. Gurney
Ivar J. Kljavin
Jennie P. Mather
                                                                                                                                                                                                                                                                                                                                                                              Kevin P. Baker
David A. Botstein
                                          Zemin Zang
                                                       William I. Wood
                                                                                                                                  Margaret Ann
                                                                                                                                                                                Mary A.
                                                                                                                                                                                                                                                        Mary E. Gerritsen
Audrey Goddard
                                                                                                                                                                                                                                                                                   Wei-Qiang Gao
Hanspeter Gerber
                                                                                                                                                                                                                                                                                                                    Napoleone Ferrara
Sherman Fong
                                                                                                                                                  Nicholas F. Paoni
                                                                                                                                                                James Pan
                                                                                                                                                                                                                                           Paul
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P3130R1C7
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                                                                                                                                                                                                                                          J. Godowski
                                                                                                                                                                              Napier
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71.3%;
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Pred. No. 4.1e-56;
Nismatches 26;
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APPLICATION NUMBER: US/10/066,500

CURRENT FILING DATE: 2002-02-01

PRIOR APPLICATION NUMBER: 10/002,796

PRIOR APPLICATION NUMBER: 60/056974

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/05988

PRIOR APPLICATION NUMBER: 60/05988

PRIOR APPLICATION NUMBER: 60/05988

PRIOR APPLICATION NUMBER: 60/05988

PRIOR APPLICATION NUMBER: 60/06285

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/06285

PRIOR FILING DATE: 1997-10-17

APPLICATION NUMBER: 60/ FILING DATE: 1997-10-24

60/062816

PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR DR FILING DATE: 1999-11-12
PR APPLICATION NUMBER: 09/52
PR FILING DATE: 2000-03-09
PR APPLICATION NUMBER: 09/54
PR FILING DATE: 2000-04-13 R FILING DATE: 1999-06-14
R APPLICATION NUMBER: 09/3:
R FILING DATE: 1999-06-14
R APPLICATION NUMBER: 09/3:
R APPLICATION NUMBER: 09/3:
R FILING DATE: 1999-08-25 R FILING DATE: 2001-03
R APPLICATION NUMBER: 0
R FILING DATE: 2001-03
R APPLICATION NUMBER: 0 FILING DATE: 1999-03 CO APPLICATION NUMBER: 09/254460 TING DATE: 1999-03-09 APPLICATION NUMBER: 09/380138
FILING DATE: 1999-08-25
APPLICATION NUMBER: 09/380139
FILING DATE: 1999-08-25
APPLICATION NUMBER: 09/403296 APPLICATION NUMBER: FILING DATE: 1999-1 FILING DATE: 1999-03-09
APPLICATION NUMBER: 09/254465
FILING DATE: 1999-03-05 APPLICATION NUMBER: 09/ FILING DATE: 2000-11-08 APPLICATION NUMBER: 09/ FILING DATE: 2000-0 APPLICATION NUMBER: FILING DATE: 2000-0 APPLICATION NUMBER: 09 FILING DATE: 1999-04-1 APPLICATION NUMBER: 09 FILING DATE: 1998-09-APPLICATION NUMBER: FILING DATE: 1998-09 APPLICATION NUMBER: 09/136828 FILING DATE: 1998-08-19 APPLICATION NUMBER: 09/ FILING DATE: 2001-06-19 APPLICATION NUMBER: 09/ FILING DATE: 2001-06-01 FILING DATE: 2001-05-25 APPLICATION NUMBER: 09/1 FILING DATE: 2001-05-30 FILING DATE: 2001-01 APPLICATION NUMBER: FILING DATE: APPLICATION NUMBER: FILING DATE: 1999-11-10 APPLICATION NUMBER: 09/423844 APPLICATION NUMBER: 09/ FILING DATE: 1999-11-10 FILING DATE: FILING DATE: 1999-00 APPLICATION NUMBER: APPLICATION NUMBER: APPLICATION NUMBER: 09/332928 FILING DATE: 1999-06-14 APPLICATION NUMBER: 09/254311 FILING DATE: 1998-12-08 APPLICATION NUMBER: 09/202088 FILING DATE: 1998-08-APPLICATION NUMBER: FILING DATE: 1998-07-APPLICATION NUMBER: 0 APPLICATION NUMBER: 09/114844 APPLICATION NUMBER: FILING DATE: 1998-07-14 1999-10-18 1999-10-18 1999-06-14 1998-09-1998-08-2000-09-18 1997-10-29 2001-03-09 2001-01-22 2000-09-18 2001-03-14 09/333077 09/872035 09/870574 09/808689 09/802706 09/767609 09/665350 09/664610 09/522342 09/423741 09/380137 09/333075 09/332929 09/284663 09/180997 09/158342 09/136804 09/136801 PCT/US98/14552 09/709238 09/548815 09/403297 09/866028

OR FILING DATE: 1999-06-15
OR APPLICATION NUMBER: 60/145070
OR FILING DATE: 1999-07-20
OR APPLICATION NUMBER: 60/145698
OR FILING DATE: 1999-07-26
OR APPLICATION NUMBER: 60/149396
OR FILING DATE: 1999-08-17
OR APPLICATION NUMBER: 60/169495
OR FILING DATE: 1999-12-07
OR APPLICATION NUMBER: 60/169495
OR FILING DATE: 1999-18-08
OR FILING DATE: 1999-18-08
OR FILING DATE: 1999-18-08
OR FILING DATE: 1999-18-08
OR FILING DATE: 1997-08-26

APPLICATION NUMBER: 08/9 FILING DATE: 1997 -09-19 APPLICATION NUMBER: 08/9

OR FILING DATE: 1998-09-10
OR APPLICATION NUMBER: 60/099812
OR FILING DATE: 1998-09-10
OR APPLICATION NUMBER: 60/100858
OR FILING DATE: 1998-09-17
OR APPLICATION NUMBER: 60/101922
OR FILING DATE: 1998-09-24
OR APPLICATION NUMBER: 60/106032
OR APPLICATION NUMBER: 60/109304
OR FILING DATE: 1998-10-28
OR FILING DATE: 1998-10-28
OR FILING DATE: 1998-11-20
OR FILING DATE: 1998-11-20
OR FILING DATE: 1998-11-20
OR FILING DATE: 1998-11-20

60/139695 60/125778 APPLICATION NUMBER: 60/0 FILING DATE: 1998-08-18 APPLICATION NUMBER: 60/0 FILING DATE: 1998-09-09

APPLICATION NUMBER: FILING DATE: 1998-09 APPLICATION NUMBER:

1998-09-10

60/099811

60/099803

60/099601 60/097000

OR APPLICATION NUMBER: 60/063082
OR FILING DATE: 1997-10-27
OR APPLICATION NUMBER: 60/06329
OR FILING DATE: 1997-10-27
OR APPLICATION NUMBER: 60/06373
OR APPLICATION NUMBER: 60/066364
OR FILING DATE: 1997-11-21
OR APPLICATION NUMBER: 60/066840
OR FILING DATE: 1997-11-25
OR APPLICATION NUMBER: 60/06694
OR FILING DATE: 1997-12-16
OR APPLICATION NUMBER: 60/074086
OR FILING DATE: 1998-02-09
OR FILING DATE: 1998-02-09
OR APPLICATION NUMBER: 60/074092
OR APPLICATION NUMBER: 60/079294
OR FILING DATE: 1998-03-25
OR APPLICATION NUMBER: 60/079294
OR FILING DATE: 1998-03-25
OR APPLICATION NUMBER: 60/095998

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JS-10-
Sequence 6, App...
Sequence 6, App...
PROPRIET INFORMATION:
PROPRIET INFORMATION:
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US-10-078-337-6
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Best Local S
Matches 108
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                                                                                                                                                  COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                         APPLICATION NUMBER: US/10/078,337
ETILING DATE: 21-Feb-2002
CLASSIFICATION: -Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/916,576
FILING DATE: <UNKNOWN>
ATTORNEY/AGENT INFORMATION:
NAME: STEFFE, ERIC K.
                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: STERNE, KESSLER, G
STREET: 1100 NEW YORK AVENUE,
                                                                                                                                                                                                                                                                                                                                                                                                           ENDRESS, GREGORY A.
TITLE OF INVENTION: NOVEL HUMAN GROWTH FACTORS
NUMBER OF SEQUENCES: 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US99/21090 FILING DATE: 1999-09-15
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APPLICATION NUMBER: PCT/US99/05028
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APPLICATION NUMBER: PCT/US98/25190
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US98/24855
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      al Similarity
108; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Application US/10078337 No. US20030023068A1
                                                                                                                                                                                                                                                                         COUNTRY: US
ZIP: 20005-3934
                                                                                                                                                                                                                                                                                                                                CITY: WASHINGTON
                                                                                                                                                                                                                                                                                                              STATE: DC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
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E, SUITE 600
                                                                                                                                                                          Version #1.30
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RESULT 10
US-10-227-884-116
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                                                                                                                              PRIOR APPLICATION NUMBER: 60/062287
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063549
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/064103
PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/069873
PRIOR FILING DATE: 1997-12-17
PRIOR FILING DATE: 1997-12-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION
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Best Local (
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APPLICANT:
                                                                                                PRIOR PRIOR
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                               PRIOR PRIOR
                                                               PRIOR PRIOR
                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 10/119,480
PRIOR FILING DATE: 2002-04-09
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/227,884
CURRENT FILING DATE: 2002-08-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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                                                                                                APPLICATION NUMBER: 60/078910 FILING DATE: 1998-03-20
                             APPLICATION NUMBER: FILING DATE: 1998-03
                                                                 FILING DATE: 1998-03-25
                                                                               APPLICATION NUMBER: 60/079294
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear MOLECULE TYPE: protei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION: TELEPHONE: (202) 371-2600
               APPLICATION NUMBER: 60/079728
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE DESCRIPTION: SEQ ID NO: 6:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  108;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gurney, Austin I
Smith, Victoria
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Grimaldi, J. Christopher
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gerritsen, Mary
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       Stephan, Jean-Philippe F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Goddard, Audrey
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DATE:
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                             1998-03-26
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                                               60/079656
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Pred. No. 2e-50;
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R FILING DATE: 1998-04
R APPLICATION NUMBER: 1998-04
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R APPLICATION NUMBER: 1998-04

OR APPLICATION NUMBER: 60/096791
OR FILING DATE: 1998-08-17
OR APPLICATION NUMBER: 60/097986
OR FILING DATE: 1998-08-26
OR APPLICATION NUMBER: 60/098544
OR FILING DATE: 1998-08-31
OR APPLICATION NUMBER: 60/099596
OR FILING DATE: 1998-09-09
OR APPLICATION NUMBER: 60/099598
OR APPLICATION NUMBER: 60/099598 OR APPLICATION NUMBER: 60/099803
OR FILING DATE: 1998-09-10
OR APPLICATION NUMBER: 60/099811
OR FILING DATE: 1998-09-10
OR APPLICATION NUMBER: 60/099812
OR FILING DATE: 1998-09-10
OR APPLICATION NUMBER: 60/099816
OR FILING DATE: 1998-09-10
OR APPLICATION NUMBER: 60/099816
OR FILING DATE: 1998-09-10
OR APPLICATION NUMBER: 60/10038
OR FILING DATE: 1998-09-11
OR APPLICATION NUMBER: 60/10038
OR FILING DATE: 1998-09-11 OR APPLICATION NUMBER: 60/090472
OR APPLICATION NUMBER: 60/090472
OR APPLICATION NUMBER: 60/090472
OR APPLICATION NUMBER: 60/09057
OR FILING DATE: 1998-06-24
OR APPLICATION NUMBER: 60/09057
OR FILING DATE: 1998-06-25
OR APPLICATION NUMBER: 60/090691
OR FILING DATE: 1998-06-25
OR APPLICATION NUMBER: 60/091982
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OR APPLICATION NUMBER: 60/091982
OR APPLICATION NUMBER: 60/095302
OR APPLICATION NUMBER: 60/095318
OR APPLICATION NUMBER: 60/095316
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OR APPLICATION NUMBER: 60/095316
OR APPLICATION NUMBER: 60/095466
OR FILING DATE: 1998-08-04
OR APPLICATION NUMBER: 60/095916
OR APPLICATION NUMBER: 60/095916 DATE: 1998-04-22

PARPLICATION NUMBER: 60/084441

PREFILING DATE: 1998-05-06

PREFILING DATE: 1998-05-13

PREFILING DATE: 1998-05-13

PREFILING DATE: 1998-05-15

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PREFILING DATE: 1998-05-17

PREFILING DATE: 1998-06-17

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PREFILING DATE: 1998-06-17 OR APPLICATION NUMBER: 60/100848
OR FILING DATE: 1998-09-18
OR PPLICATION NUMBER: 60/100919
OR APPLICATION NUMBER: 60/101477
OR APPLICATION NUMBER: 60/101477
OR FILING DATE: 1998-09-23
OR APPLICATION NUMBER: 60/101738
OR APPLICATION NUMBER: 60/101738
OR FILING DATE: 1998-09-24
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OR APPLICATION NUMBER: 60/112422
OR FILING DATE: 1998-12-15
OR APPLICATION NUMBER: 60/113296
OR APPLICATION NUMBER: 60/113296
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OR APPLICATION NUMBER: 60/12575
OR APPLICATION NUMBER: 60/125775
OR FILING DATE: 1999-03-19
OR APPLICATION NUMBER: 60/125775
OR APPLICATION NUMBER: 60/125775
OR FILING DATE: 1999-04-05
OR APPLICATION NUMBER: 60/127887
OR APPLICATION NUMBER: 60/130232
OR FILING DATE: 1999-04-26
OR APPLICATION NUMBER: 60/131023
OR FILING DATE: 1999-04-26
OR APPLICATION NUMBER: 60/131023
OR FILING DATE: 1999-04-26
OR APPLICATION NUMBER: 60/131291
OR APPLICATION NUMBER: 60/131445
OR APPLICATION NUMBER: 60/131445 DR FILING DATE: 1998 10-28

PR APPLICATION NUMBER: 60/106248

PR FILING DATE: 1998 10-29

PR APPLICATION NUMBER: 60/106464

PR FILING DATE: 1998 10-30

PR APPLICATION NUMBER: 60/106905

PR FILING DATE: 1998-11-03

PR APPLICATION NUMBER: 60/108787

PR FILING DATE: 1998-11-17

PR APPLICATION NUMBER: 60/108787

PR APPLICATION NUMBER: 60/108801 DR APPLICATION NUMBER: 60/134287
DR FILLING DATE: 1999-05-14
DR PPLICATION NUMBER: 60/140650
DR FILLING DATE: 1999-06-22
DR APPLICATION NUMBER: 60/140723
DR FILLING DATE: 1999-06-22
DR FILLING DATE: 1999-06-22 R APPLICATION NUMBER:
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PRIOR

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GENERAL INFORMATI
APPLICANT: Avi J
APPLICANT: Kevi
APPLICANT: Dav:
APPLICANT: Luc
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CURRENT APPLICATION NUMBER: US/10/002,796
CURRENT FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059115
PRIOR APPLICATION NUMBER: 60/059263
PRIOR APPLICATION NUMBER: 60/059263
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
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US-10-002-796-54
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Best Loc
Matches
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                                                                                                                                                                                      APPLICANT: William I. Wood
APPLICANT: Zemin Zang
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3130R1C1
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PR APPLICATION NUMBER: 60/149638

DR FILING DATE: 1999-08-17

DR APPLICATION NUMBER: 60/151733

DR FILING DATE: 1999-08-31

DR APPLICATION NUMBER: 60/164418
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Local Similarity
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FILING DATE: 1999-11-16
APPLICATION NUMBER: 60/169445
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                                                                                                                                                                                                                                                                                                                      Colin K. Watanabe P.Mickey Williams
                                                                                                                                                                                                                                                                                                                                                                Margaret Ann Roy
Timothy A. Stewart
Daniel Tumas
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Ivar J. Kljavin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Jennie P. Mather
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David A. Botstein
                                                                                                                                                                                                                                                                                                                                                                                                                                        Nicholas F. Paoni
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mary A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Wei-Qiang
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OR FILING DATE: 1998-02-09
OR FILING DATE: 1998-03-25
OR APPLICATION NUMBER: 60/081049
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OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/095998
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                                              FILING DATE: 1998-01 APPLICATION NUMBER:
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APPLICATION NUMBER: 09/136804
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OR APPLICATION NUMBER: 09/548815
OR FILING DATE: 2000-04-13
OR APPLICATION NUMBER: 09/664610
OR FILING DATE: 2000-09-18
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                                          APPLICATION NUMBER: PCT/US98/19330
FILING DATE: 1998-09-16
APPLICATION NUMBER: PCT/US98/19437
FILING DATE: 1998-09-17
APPLICATION NUMBER: PCT/US98/24855
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APPLICATION NUMBER: 09/886342
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FILING DATE: 1999-08-25
APPLICATION NUMBER: 09/380139
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APPLICATION NUMBER: 09/380137
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APPLICATION NUMBER: 09/333075
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APPLICATION NUMBER: 09/333077
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FILING DATE: 1999-06-14
APPLICATION NUMBER: 09/332929
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APPLICATION NUMBER: 09/254460
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APPLICATION NUMBER: 09/254465
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APPLICATION NUMBER: 09/870574
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FILING DATE: 2001-03-14
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PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR ILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
CURRENT APPLICATION NUMBER: US/10/066,273 CURRENT FILING DATE: 2002-02-01 PRIOR APPLICATION NUMBER: 10/002,796 PRIOR FILING DATE: 2001-11-15 PRIOR APPLICATION NUMBER: 60/056974 PRIOR FILING DATE: 1997-08-26 PRIOR FILING DATE: 1997-08-26
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PRIOR APPLICATION NUMBER: PCT/US99/12252
PRIOR FILING DATE: 1999-06-02
                                                                                                    TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME FILE REFERENCE: P3130R1C2
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Margaret Ann Roy
Timothy A. Stewart
Daniel Tumas
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P.Mickey Williams
William I. Wood
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Hanspeter Gerber
Mary E. Gerritsen
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Ivar J. Kljavin
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A. Botstein
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8; Mismatches
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NUMBER:

60/063733 60/063329 60/063082 60/062816

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PRIOR PRIOR

NUMBER: 6: 1997-10-

60/062285 0-17 60/059588 9-17

PRIOR DR FILING DATE: 2000-03-09

RAPPLICATION NUMBER: 09/548815

DR FILING DATE: 2000-04-13

DR APPLICATION NUMBER: 09/664610

DR FILING DATE: 2000-09-18

PRILING DATE: 2000-09-18

DR APPLICATION NUMBER: 09/665350

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DR APPLICATION NUMBER: 09/709238

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DR APPLICATION NUMBER: 09/707609

DR FILING DATE: 2001-01-22

DR APPLICATION NUMBER: 09/808689

DR APPLICATION NUMBER: 09/808689

DR APPLICATION NUMBER: 09/808689

DR FILING DATE: 2001-03-14

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DR FILING DATE: 2001-03-14 REFILING DATE: 2001-03-14
REPLICATION NUMBER: 09/88
REFILING DATE: 2001-05-25
REFILING DATE: 2001-05-36
REFILING DATE: 2001-05-30
REFILING DATE: 2001-06-01
REFILING DATE: 2001-06-01
REPLICATION NUMBER: 09/88
REFILING DATE: 2001-06-19
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R APPLICATION NUMBER: 09/3:
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FILING DATE: APPLICATION NUMBER: 09/ FILING DATE: 1999-06-14 APPLICATION NUMBER: 09/ FILING DATE: 1999-08-25 APPLICATION NUMBER: 09/423844 FILING DATE: 1999-11-12 FILING DATE: 1998-0 APPLICATION NUMBER: APPLICATION NUMBER: 09 FILING DATE: 1998-08-APPLICATION NUMBER: APPLICATION APPLICATION NUMBER: APPLICATION NUMBER: (FILING DATE: 1998-09-NUMBER: PCT/US98/19330 : 1998-09-16 NUMBER: NUMBER: 09/ : 1999-03-05 1998-09-10 1999-03-09 NUMBER: 09/870574 1999-03-03 09/866028 5-25 PCT/US98/19437 )-17 09/886342 09/872035 9 PCT/US98/19093 PCT/US98/18824 PCT/US98/14552 09/522342 09/423741 09/403297 09/403296 09/380139 09/380138 09/380137 09/333077 09/333075 09/332929 09/332928 09/284663 09/254460 09/254311 09/180997 09/158342 09/136828 80 /254465 /202088

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60/149396 8-17 60/145698

60/169495

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DR FILING DATE: 1998-09-10
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DR FILING DATE: 1998-09-17
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DR APPLICATION NUMBER: 60/10
DR FILING DATE: 1999-10-20
DR FILING DATE: 1999-03-23
DR FILING DATE: 1999-03-23
DR FILING DATE: 1999-07-20
DR APPLICATION NUMBER: 60/14
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60/079294 60/074092 60/074086

NUMBER: 60/081049

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APPLICANT: Timothy A. SCENAL,
APPLICANT: Daniel Tumas
APPLICANT: Colin K. Watanabe
APPLICANT: P. Mickey Williams
APPLICANT: William I. Wood
APPLICANT: William I. Wood
APPLICANT: Zemin Zang
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3130R1C9
CURRENT APPLICATION NUMBER: US/10/066,494
CURRENT FILING DATE: 2002-02-01
PRIOR APPLICATION NUMBER: 10/002,796
PRIOR FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: 60/056974
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Best Local Similarity
Matches 108; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US99/05028 FILING DATE: 1999-03-08
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APPLICATION NUMBER: PCT/US98/25190
FILING DATE: 1998-11-25
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                                                                                                                                                                                                                                                                     Nicholas F. Paoni
Margaret Ann Roy
Timothy A. Stewart
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Ivar J. Kljavin
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Hanspeter Gerber
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A. Botstein
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Pred. No. 2e-50;
8; Mismatches
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                                                 APPLICATION NUMBER: 09/114844
FILLING DATE: 1998-07-14
APPLICATION NUMBER: 09/136801
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APPLICATION NUMBER:
FILING DATE: 1997-1
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08/960507 08/933821 60/149396 60/145698

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PRIOR
R APPLICATION NUMBER: PCT/I
R FILING DATE: 1998-09-14
R APPLICATION NUMBER: PCT/I
R FILING DATE: 1998-09-16
R APPLICATION NUMBER: PCT/I
R FILING DATE: 1998-09-17
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RAPPLICATION NUMBER: 09/61
PR FILING DATE: 2000-09-18
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FILING DATE: 2001-06-01
APPLICATION NUMBER: 09/886342
FILING DATE: 2001-06-19
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FILING DATE: 2001-03-14
APPLICATION NUMBER: 09/866028
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FILING DATE: 2000-11-08
APPLICATION NUMBER: 09/767609
FILING DATE: 2001-01-2
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FILING DATE: 1998-12-08
APPLICATION NUMBER: 09/254311
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APPLICATION NUMBER: 09/870574
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FILING DATE: 1999-11-10
APPLICATION NUMBER: 09/423844
FILING DATE: 1999-11-12
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APPLICATION NUMBER: 09/403296
FILING DATE: 1999-10-18
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; Servication No. US20030036635A1
CURRENT APPLICATION NUMBER: US/10/230,163
CURRENT FILING DATE: 2002-08-28
PRIOR APPLICATION NUMBER: 10/119,480
PRIOR FILING DATE: 2002-04-09
PRIOR PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR PPLICATION NUMBER: 60/06287
PRIOR PPLICATION NUMBER: 60/06287
PRIOR PPLICATION NUMBER: 60/06349
PRIOR APPLICATION NUMBER: 60/064103
PRIOR APPLICATION NUMBER: 60/064103
PRIOR APPLICATION NUMBER: 60/069873
PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/069873
PRIOR FILING DATE: 1997-12-17
PRIOR APPLICATION NUMBER: 60/078910
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PRIOR APPLICATION NUMBER: 60/079294
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES TITLE OF INVENTION: ACLUS ENCODING THE SAME FILE REFERENCE: P3530P1C96
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APPLICATION NUMBER: PCT
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FILING DATE: 1998:11-20
APPLICATION NUMBER: PCT/US98/25108
FILING DATE: 1998-12-01
APPLICATION NUMBER: PCT/US98/25190
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APPLICATION NUMBER: PCT/US99/05028
FILING DATE: 1999-03-08
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Grimaldi, J. Christopher
Gurney, Austin L.
Smith, Victoria
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Gerritsen, Mary
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8; Mismatches
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PRIOR APPLICATION NUMBER: 60/10178

PRIOR FILING DATE: 1998-09-24

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PRIOR APPLICATION NUMBER: 60/106464

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APPLICANT: Kevi
APPLICANT: Davi
APPLICANT: Luc
APPLICANT: Dan
APPLICANT: Napo
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GENERAL INFORMATION:
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME FILE REFERNCE: P3130R1C4 CURRENT APPLICATION NUMBER: US/10/066,269 CURRENT FILING DATE: 2002-02-01 PRIOR APPLICATION UMBER: 10/002,796 PRIOR APPLICATION UMBER: 10/002,796 PRIOR FILING DATE: 2001-11-15
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Colin K. Watanabe
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William I. Wood
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Paul J. Gurney
Austin L. Gurney
Tvar J. Kljavin
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Wei-Qiang Gao
Hanspeter Gerber
Mary E. Gerritsen
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OR APPLICATION NUMBER: 60/109304

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OR APPLICATION NUMBER: 60/139695

OR FILING DATE: 1999-06-15 DR FILING DATE: 1998-09-10

PR APPLICATION NUMBER: 60/099812

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PR APPLICATION NUMBER: 60/100858

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OR FILING DATE: 1998-02-09
OR FILING DATE: 1998-03-25
OR APPLICATION NUMBER: 60/081049
OR FILING DATE: 1998-04-08
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OR APPLICATION NUMBER: 60/097000
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Ygapext
Fgapext
Delext
US-08-916-576B-1.
US-09-247-155-61
US-09-247-155-149
US-09-040-984-78
US-09-123-912-78
US-09-123-912-78
US-09-643-597-78
US-09-643-597-282
US-08-916-576B-35
US-08-916-576B-36
US-08-916-576B-36
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149, App
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32, Appl
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                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                         CITY: WASHINGTON
                                       REGISTRATION NUMBER:
                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                              STATE:
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US-08-450-562-	US-08-949-386	US-08-149-097D-	US-08-223-305C-	US-08-193-078B-	US-08-455-543A-	US-08-311-363-1	US-07-745-206A-	US-08-311-363-1	US-07-745-206A-1	US-09-221-017B-6	8-916-5	US-09-484-970B-6	US-08-916-576B-1	US-09-534-63	US-08-916-576B-2	US-08-916-57	US-08-916-576B-1	US-08-916-576B-1	US-08-916-576B-1	US-08-916-576B-1	US-08-916-57	US-08-916-576B-4	US-08-916-576B-	S-08-916-576B-3	US-08-916-576B-	US-09-232-149A-2	US-09-352-616A-20	US-09-439-313-20	US-09-605-785-20	US-09-030-607-	-08-916-576в-3	8-916-576B-1
equence	equence 8,	equence 8, App	equence 8, App	equence 8, A	equence	equence 12,	equence 12,	equence 14,	equence 14,	equence 685,	16,	equence 65, App	equence 18,	equence 1, 1	equence 22,	equence 15,	equence 14,	equence 13,	equence 12,	equence 11,	equence 40,	equence 41,	equence 19,	quence 38,	equence 3, Appl	equence 209, Ap	equence 209, Ap	equence 209, Ap	equence 209, Ap	quenc	equence 37,	equence 10,

## ALIGNMENTS

S-08-916-576B-1
Sequence 1, Application US/08916576B
Patent No. 6171816

GENERAL INFORMATION:
APPLICANT: FILLON, PATRICK J.
APPLICANT: ENBER, REINHARD
APPLICANT: ENDESS, GREGORY A.
TIPLE OF INVENTION: NOVEL HUMAN GROWTH FACTORS
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESSE: ADDRESSE: STERNE, KESSLER, GOLDSTEIN & FOX, P.L.L.C.
STREET: 1100 NEW YORK AVENUE, SUITE 600
STATE: DC
COUNTRY: US
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: LBM PC COMPATIBLE OF OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIAN RELEASE #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/916,576B
FILING DATE: 23-AUG-196
AFTORNEY/AGENT INFORMATION:
NAME: STEFFE, ERIC K
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488.0500001
TELEDOMMUNICATION INDERMATION:
TELEDHONE: (202) 371-2600

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RESULT
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Best Local Similarity:
                        US-09-247-155-61
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (202) 371-2540
INFORMATION FOR SEO ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 875 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
Sequence 61, Application Patent No. 6312922
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
NAME/KEY:
LOCATION:
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NAME/KEY:
LOCATION:
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                                                                                                                                                                GlyGlnTyrValProArgIleMetPheValAspProSerLeuThrValArgAlaAspIle
                                                                                                                                                                                                                                              GACAACATGAAGAAAGCTCTCAAGTTGCTGAAGACTGAATTG
                                                                    AspAsnMetLysLysAlaLeuLysLeuLeuLysThrGluLeu 206
                                                                                                                  ThrGlyArgTyrSerAsnArgLeuTyrAlaTyrGluProAlaAspThrAlaLeuLeuLeu
                                                                                                                                                     GGCCAGTATGTCCCCCAGGATTATGTTTGTTGACCCATCTCTGACAGTTAGAGCCGATATC
                                                                                                                                                                                                   GAGCAGTTTGTCCTCCAATCTGGTTTATGAAACAACTGACAAACACCTTTCTCCTGAT
                                                                                                                                                                                                            GluGlnPheValLeuLeuAsnLeuValTyrGluThrThrAspLysHisLeuSerProAsp
                                                                                                                                                                                                                                                                                           GATACCACAGTCAAACCTGGAGCCAAAAAGGACACAAAGGACTCTCGACCCAAACTGCCC
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71..595
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131..595
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71..130
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991.00
99.48%
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            US/09247155A
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Mismatches:
Indels:
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Matches:
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Best Local Si
Query Match:
DB:
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APPLICANT: Dumber Milne Edwards, Jean-Baptiste
APPLICANT: Duclert, Aymeric
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: Complementary DNAS
FILE REFERENCE: GENSET 021A
CURRENT APPLICATION NUMBER: US/09/247,155A
CURRENT FILING DATE: 1999-02-09
EARLIER APPLICATION NUMBER: 60/074,121
EARLIER FILING DATE: 1998-02-09
EARLIER FILING DATE: 1998-04-13
EARLIER FILING DATE: 1998-08-10
EARLIER APPLICATION NUMBER: 60/096,116
EARLIER APPLICATION NUMBER: 60/096,116
EARLIER APPLICATION UNMBER: 60/096,116
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; LOCATION: 1674..1689
US-09-247-155-61
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TYPE: DNA
ORGANISM: Homo
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EARLIER FILING DATE: 1998-10-04
NUMBER OF SEQ ID NOS: 182
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LOCATION: 51..110
OTHER INFORMATION: Von Heijne matrix
OTHER INFORMATION: score 11.2
OTHER INFORMATION: seq AFLLLVALSYTLA/RD
FEATURE:
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                                                                                                         GlyProHisProSerArgArgLeuThrGlnGlyArgTrpValArgLySSerArgValAla
            CysProHisSerGlnAlaLeuLysLysValPheAlaGluAsnLysGluILeGlnLysLeu
                                                                  AlaLeuTyrLysSerLysThrSerAsnLysProLeuMetIleIleHisHisLeuAspGlu
                                                                                                                                                                                                                                                                          GGACCGCATCCTAGCCGCCGACTCACACAAGGC----
TGCCCACACAGTCAAGCTTTAAAGAAAGTGTTTGCTGAAAATAAAGAAATCCAGAAATTG
                                                      GCTCTATATAAATCCAAGACAAGCAACAAACCCTTGATGATTATTCATCACTTGGATGAG
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Matches:
Conservative:
Mismatches:
Indels:
Gaps:
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350
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EARLIER APPLICATION NUMBER: 60/074,121
EARLIER FILING DATE: 1998-02-09
EARLIER APPLICATION NUMBER: 60/081,563
EARLIER APPLICATION NUMBER: 60/096,116
EARLIER FILING DATE: 1998-04-13
EARLIER APPLICATION NUMBER: 60/096,116
EARLIER APPLICATION NUMBER: 60/096,273
EARLIER APPLICATION NUMBER: 60/099,273
EARLIER FILING DATE: 1998-10-04
NUMBER OF SEQ ID NOS: 182
SOFTWARE: Patent.pm
SEQ ID NO 149
ENEMETH: 940
                                                                                                  Percent Similarity:
Best Local Similarity:
Query Match:
                                                                                                                                                                                                     NAME/KEY: misc_feature
LOCATION: 482
OTHER INFORMATION: n=a,
US-09-247-155-149
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                                                         US-09-674-266A-181 (1-206) x US-09-247-155-149 (1-940)
                                                                                                                                                Score:
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Patent No. 6312922
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: 177..569
FEATURE:
NAME/KEY: sig_peptide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Complementary DNAS FILE REFERENCE: GENSET.021A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Dumas Milne APPLICANT: Duclert, Aym
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Bougueleret, Lydie
                                                                                                                                                                                                                                                                              NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                                    NAME/KEY: sig_peptide
LOCATION: 177..236
OTHER INFORMATION: von Heijne matrix
OTHER INFORMATION: score 11.1999998092651
OTHER INFORMATION: seg AFLLLVALSYTLA/RD
                                                                                                                                                              No . :
   103
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LeuAspAsnMetLysLysAlaLeuLysLeuLeuLysThrGluLeu 206
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GCAGAGCAGTTTGTCCTCCTCAATCTGGTTTATGAAACAACTGACAAACACCTTTCTCCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AlaGluGlnPheValLeuLeuAsnLeuValTyrGluThrThrAspLysHisLeuSerPro
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                                                                                                                                                                                                                                                                                polyA_site
931..939
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914.00
90.82%
90.82%
85.98%
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                                                                                                    Conservative: Mismatches: Indels:
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Matches:
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US-09-040-984-78
APPLICATE:

APPLICATE:

EILING DATE:

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

AAME: Maki, David J.

ARBGISTRATION NUMBER: 31,392

REGISTRATION NUMBER: 2101

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION OF A 1900
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                           SOFTWARE: FastSEQ for Windows Version CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/040,984
                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: COMPOUNT TITLE OF INVENTION: OF LONG NUMBER OF SEQUENCES: 86
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APPLICANT: Wang, TongTong
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OPERATING SYSTEM: DOS
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GENERAL INFORMATION:
APPLICANT: Reed, Steven G.
APPLICANT: Wang, Tongtong
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THERAPY
TITLE OF INVENTION WINDER: US/09/123,912A
CURRENT APPLICATION NUMBER: US/09/123,912A
CURRENT EILING DATE: 1998-07-27
PRIOR APPLICATION NUMBER: 09/040,802
PRIOR FILING DATE: 1998-03-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 7
SEQUENCE CHARACTERISTICS:
LENGTH: 793 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                     Sequence 78, Application Patent No. 6312695
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Query
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Best Local Similarity:
Query Match:
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                                                                                                           US-09-123-912-78
                                                                  Score:
                                                                                                                                     NAME/KEY: modified_base
LOCATION: (748)
OTHER INFORMATION: where n
NAME/KEY: modified_base
LOCATION: (758)
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LOCATION: (762)
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LOCATION: (309)
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LOCATION: (492)
OTHER INFORMATION: where n
NAME/KEY: modified_base
LOCATION: (563)
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LENGTH: 793
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OTHER INFORMATION: Where n
NAME/KEY: modified_base
LOCATION: (703)
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LOCATION: (708)
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LOCATION: (657)
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SOFTWARE: Patentin Ve
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LOCATION: (787)
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         Percent Similarity:
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                                                                      S
                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/643,597
CURRENT FILING DATE: 2000-08-21
NUMBER OF SEQ ID NOS: 369
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 78
LENGTH: 793
                                                                                                                                                                                                                                                                                                                                                                Sequence 78 Patent No.
                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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APPLICANT:
APPLICANT:
                                                                       OTHER INFORMATION: -09-643-597-78
                                                                                                                                                                                                       APPLICANT: Henderson, Robert A.
APPLICANT: McNeill, Patticia D.
TITLE OF INVENTION: COMPOSITIONS AND
TITLE OF INVENTION: AND DIAGNOSIS OF
FILE REFERENCE: 210121.455C11
                                                                                                                                                                                                                                                                                                   APPLICANT:
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                                                                                         ORGANISM: Homo sapien FEATURE:
NAME/KEY: misc_feature LOCATION: (1)...(793)
                                                                                                                                   TYPE: DNA
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Fan, Liqun
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Li, Samuel X.
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Skeiky, Yasir A.W.
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                       Percent Similarity:
Best Local Similarity:
Query Match:
DB:
                                                                                           Alignment Scores:
                                                                                                                    ; ORGANISM: Human
US-09-221-298-32
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US-09-674-266A-181 (1-206) x US-09-221-298-32 (1-401)
                                                                      Score:
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                                                                                                                                                      SEQ ID NO 32
LENGTH: 401
                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                       Sequence 32, Application Patent No. 6284241
                                                                                                                                                                                                                           TITLE OF INVENTION: COMPOUNDS AND M TITLE OF INVENTION: OF COLON CANCER FILE REFERENCE: 210121.471
                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/221, CURRENT FILING DATE: 1998-12-23
                                                                                                                                                                                                                                                               APPLICANT: Xu, Jiangchun
                                                                                                                                                                               SOFTWARE:
                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 112
                                                                                                                                            TYPE: DNA
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                                 2.96e-78
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64.25%
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                                                                                                                        COUNTRY: US
ZIP: 20005-3934

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, ve
REPLICATION NUMBER: US/08/916,576B
FILING DATE:
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION UMBER: US 60/024,347
FILING DATE: 23-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: STEPFE, ERIC K.
REGISTRATION NUMBER: 36,688
REGISTRATION NUMBER: 1888.0500C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 3:
Patent No.
                                                                  TELEFAX: (202) 371-2540
NFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: YU, GUO-LIANG
APPLICANT: EDILLON, PATRICK J.
APPLICANT: EBNER, REINHARD
APPLICANT: ENDRESS, GREGORY A.
TITLE OF INVENTION: NOVEL HUMAN GROWTH FACTORS
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
         TOPOLOGY: 13
                                                                                                    TELEPHONE: (202) 371-2600
                            LENGTH: 386 ba
TYPE: nucleic
STRANDEDNESS:
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; FEATURE:

NAME/KEY: misc_feature

LOCATION: (1)...(404)

OTHER INFORMATION: n -

US-09-643-597-282
Alignment Scores
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; Patent No. 6426072
; GENERAL INFORMATION:
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                                                                                                            SEQ ID NO 282
                                                                                                                                                                TITLE OF INVENTION: COMPOSITIONS AND TITLE OF INVENTION: AND DIAGNOSIS OF ETLE REFERENCE: 210121.455C11
                                                                                                                               CURRENT APPLICATION NUMBER: US/09/643,597
CURRENT FILING DATE: 2000-08-21
NUMBER OF SEQ ID NOS: 369
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APPLICANT:
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TYPE: DNA
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Fanger, Gary R.
Li, Samuel X.
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Fan, Liqun
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McNeill, Patricia D.
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                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM CCOmpatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: YU, GUO-LIANG
APPLICANT: DILLON, PATRICX J.
APPLICANT: EBNER, REINHARD
APPLICANT: ENDRESS, GREGORY A.
TITLE OF INVENTION: NOVEL HUMAN GROWTH FACTORS
   REFERENCE/DOCKET NUMBER: 36,688
TELECOMMUNICATION INFORMATION:
TELEPHONE. / ^ ^ ^ ^ ^
                                                                                                                        CLASSIFICATION: 536 PRIOR APPLICATION DATA:
                                                                     APPLICATION NUMBER: US 60/024,347 FILING DATE: 23-AUG-1996 ATTORNEY/AGENT INFORMATION:
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TELEPHONE:
                                                          NAME: STEFFE, ERIC K.
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Sequence 36, Application Patent No. 6171816
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TYPE: nucleic acid
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GENERAL INFORMATION:

APPLICANT:

YU, GUO-LIANG DILLON, PATRICK EBNER, REINHARD

<u>.</u>

525 199 465 345 139 285 120

APPLICANT:

APPLICANT: ENDRESS, GREGORY A.
TITLE OF INVENTION: NOVEL HUMAN GROWTH FACTORS
NUMBER OF SEQUENCES: 45

CORRESPONDENCE ADDRESS:

ADDRESSEE:

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Query Match:
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FILING DATE: 23-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: STEFFE, ERIC K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488.05000C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2540
TELEPHONE: (202) 371-2540
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 373 base pairs
TYPE: nuclele acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY:
                                                                                 ProValSerAlaPheLeuLeuLeuValAlaLeuSerTyrThrLeuAlaArgAspThrThr 55
                                            erGlnAlaLeu---LysLysValPhe 122
                                                                                                                                                                                                                                                                                                                         SerArgArgLeuThrGlnGlyArgTrpValArgLysSerArgValAlaMetGluLysIle
                             GTTCANGTTTTTAANGGAAAGTTTTT 326
                                                                                                 SerLysThr-SerAsnLysProLeuMetIleIleHisHisLeu-AspGluCysProHisS 115
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: EBNER, KELMING.
APPLICANT: ENDRESS, GREGORY A.
TITLE OF INVENTION: NOVEL HUMAN GROWTH FACTORS
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
CORRESPONDENCE STERNE, KESSLER, GOLDSTEIN & FOX,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION UMBER: US 6:
FILING DATE: 23-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: CTESTS FELS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: 1. MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (202) 371-2600
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MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                        46 GCCATGGAGAAAATTCCAGTGTCAGCATTCTTGCTCCTTGTGGCCCCTCTCCTACACTCTG
                                                                                                                                                                                                                                                                             11 SerGlyProHisProSerArgArgLeuThrGlnGlyArgTrpValArgLysSerArgVal
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uGluAla-LeuTyr-LysSerLysThrSerAsnLysProLeuMetIleIleHisHisLeu
                                                                     LeuProGlnThrLeuSerArgGlyTrpGlyAspGlnLeu-IleTrpThrGlnThrTyrGl 90
                                                                                                                                        AlaArgAspThrThrValLysProGlyAlaLysLysAspThrLysAspSerArgProLys 70
                                                                                                                     GCCAGAGATACCACAGTCAAACCTGGAGCCAAAAAGGACACAAAGGACTTTCGACCCAAA 165
                                                   CTGCCCCAGACCCTCTCCAGAGGTTGGGGTGACCAACTTCATCTGGACTCAGACATATGA
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Matches:
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Indels:
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Percent Similarity:
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Query Match:
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US-09-674-266A-181 (1-206) x US-08-916-576B-10 (1-506)
                                                                                                            Pred. No.:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                      TOPOLOGY: 1
MOLECULE TYPE:
                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 506 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                            NAME: STEFFE, ERIC K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488.0500001
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/024,347
FILING DATE: 23-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: STEFFE, ERIC K.
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CORRESPONDENCE ADDRESS:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
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                                                                                                                                                                                      linear
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90.00%
87.78%
35.42%
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Matches:
                                              Mismatches:
Indels:
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RESULT 14
US-08-916-576B-37
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                Percent Similarity:
Best Local Similarity:
Query Match:
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FILING DATE:
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/024,347
APPLICATION ATE: 23-AUG-1996
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ATTORNEY/AGENT INFORMATION:
NAME: STEFFE, ERIC K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                MOLECULE TYPE:
                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 14
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
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CURRENT APPLICATION DATA
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TITLE OF INVENTION: NOVEL HUMAN GROWTH FACTORS
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                                                                                                                                            LENGTH: 158 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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SYSTEM: PC-DOS/MS-DOS
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                  Mismatches:
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US-09-030-607-209
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Vei
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/030,607
FILING DATE: 25-FEB-198
CCLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (206) 682-6031 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:

NAME: Maki, David J

REGISTRATION UNBER: 31,392

REFERENCE/DOCKET NUMBER: 2101

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                             MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 159 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Xu, Jiangchun APPLICANT: Dillon, Davin C. TITLE OF INVENTION: COMPOUN NUMBER OF SEQUENCES: 224
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS
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                                            TOPOLOGY:
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STATE: WA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
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AlaLeuSerTyrThrLeuAlaArgAspThrThrValLysProGlyAlaLysLysAspThr 64
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6300 Columbia Center, 701 Fifth Avenue
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Gaps:
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Search completed: March 13, 2003, 19:52:46 Job time: 43 secs

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-Q=/cgn2_1/USPPO_spool/USQ9674256/runat_06032003_154833_22481/app_query.fasta_1.391
-DB=Published_applications_NA -CPMT=fastap -SUFFIX=rnpb -MINMATCH=0.1
-LOOPCL=0 -LOOPEXT=0 -UNITS=bits -START=1 -END=-1 -MATRIX=biosum62
-TRANS=human40.cdi -LIST=45 -DOCALIGN=200 -THR_SCORE=pct -THR_MAX=100
-THR_MIN=0 -ALIGN=15 -MODE=LOCAL -OUTFMT=pto -NORM=ext -HEAPSIZE=500 -MINLEN=0
-MAXLEN=200000000 -USER-USQ9674266_@CGN_1_1_72_@cunat_06032003_154833_22481
-NCPU=6 -ICPU=3 -NO_XLPXY -NO_MMAP -LARGEQUERY -NEG_SCORES=0 -MAIT -LONGLOG
-DEV_TIMEOUT=120 -WARN_TIMEOUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5 -FGAPOP=6
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Perfect score:
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Copyright (c) 1993 - 2003
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838 7	0 00	200		10-218-631-	equence 73,
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702 6	6.	9	0	US-09-833-263-18	Sequence 18:
691 691 6	л (л	200		10-046-935-	uence 143
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683 6	. 4	01	5	-09-833-263	quence 32
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627 537	۰,۰	7 H	00	S-10-046-935-123 S-09-878-178-173	equence 1231,
620 5	æ ,	4 L	Ψ,	S-10-046-935-213	equence 1231,
620 5	8	41	w.	S-09-878-178-213	equence 2131,
616 5	7.	41	•	S-10-046-935-177	equence 1771,
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Length:
Matches:
Conservative:
Mismatches:

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Alignment Scores:
Pred. No.:
Score:
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; ORGANISM: Homo
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                                                                                                      GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Macina, Roberta
APPLICANT: Pillai, Rageswari
TITLE OF INVENTION: Method of Diagnosing, Monitoring, Staging,
TITLE OF INVENTION: Treating Colon Cancer
FILE REFERENCE: DEX-0211
CURRENT APPLICATION NUMBER: US/09/895,652
CURRENT FILING DATE: 2001-06-28
PRIOR APPLICATION NUMBER: 60/214,515
PRIOR APPLICATION NUMBER: 60/214,515
PRIOR FILING DATE: 2000-06-28
                                                                               SOFTWARE: PatentIn Ver. SEQ ID NO 4
                                                                                                                                                                                                              Sequence 4, Application US/09895652 Patent No. US20020081640A1
                                                                                                   NUMBER OF SEQ ID NOS: 39
                                                                     LENGTH: 1860
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                                                                                                                                                          Sequence 1098, Application US/10025380 Publication No. US/20020182191A1 GENERAL INFORMATION: APPLICANT: Xu, Jiangchun
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                          Meagher, Madeleine (
Stolk, John A.
Wang, Tongtong
Jiang, Yugiu
Smith, Carole L.
King, Gordon E.
Wang, Aijun
Clapper, Jonathan D.
Skeiky, Yasir A. W.
Fanger, Gary R.
                                                                                                                              Secrist, Heather
Benson, Darin R.
                   Vedvick Thomas S.
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Darrick
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Best Local Similarity:
Query Match:
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CURRENT APPLICATION NUMBER: US/10/025,380
CURRENT FILING DATE: 2001-12-19
NUMBER OF SEQ ID NOS: 1129
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1098
LENGTH: 875
                                                                                            Sequence 1, Application US/10078337
Publication No. US20030023068A1
                                                                                  GENERAL INFORMATION:
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           OF INVENTION: NOVEL HUMAN
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SEQUENCES:
                                       YU, GUO-LIANG
DILLON, PATRICK J.
EBNER, REINHARD
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US-10-078-337-1
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DB:
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Best Local Similarity:
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TELEPAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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ADDRESSEE: STERNE, KESSLER, GOLDSTEIN &
STREET: 1100 NEW YORK AVENUE, SUITE 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: STEFFE, ERIC K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488.0500001
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 08/916,576 FILING DATE: <Unknown> ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA:
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                                                  AspThrThrValLysProGlyAlaLysLysAspThrLysAspSerArgProLysLeuPro
                                                                                                                                                                                                   GluLysIleProValSerAlaPheLeuLeuValAlaLeuSerTyrThrLeuAlaArg
LeuTyrLysSerLysThrSerAsnLysProLeuMetIleIleHisHisLeuAspGluCys
                                                                                                                     GATACCACAGTCAAACCTGGAGCCAAAAAGGACACAAAGGACTCTCGACCCAAACTGCCC
                                                                                                                                                                                     GAGAAAATTCCAGTGTCAGCATTCTTGCTCCTTGTGGCCCTCTCCTACACTCTGGCCAGA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 875 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/10/078,337 FILING DATE: 21-Feb-2002 CLASSIFICATION: <Unknown>
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LENGTH: 875

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ORGANISM: Homo sapiens
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Pred. No.:
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APPLICANT: Xu, Jiang,
APPLICANT: Lodes, Mi
APPLICANT: Secrist,
APPLICANT: Benson, I
APPLICANT: Meagher,
APPLICANT: Wang, Ton
APPLICANT: Wang, Ton
APPLICANT: Jiang, Yu
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US-09-922-217-1098
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                                                                                                                                                                                                                                                                                                                 APPLICANT: Wang, Aljun
APPLICANT: Clapper, Jonathan D.
APPLICANT: Clapper, Jonathan D.
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
TITLE OF INVENTION: OF COLON CANCER AND METHODS FOR THEIR USE
TILE REFERENCE: 210121 471C13
CURRENT FILINGTON NUMBER: US/09/922,217
CURRENT FILING DATE: 2001-08-03
NUMBER OF SEQ ID NOS: 1124
SOFTWARE: FASTSEQ for Windows Version 4.0
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                                           GATACCACAGTCAAACCTGGAGCCAAAAAGGACACAAAGGACTCTCGACCCAAACTGCCC
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Wang, Tongtong
Jiang, Yuqiu
Smith, Carole Lynn
King, Gordon E.
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Meagher, Madeleine
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LENGTH: 564
TYPE: DNA
ORGANISM: HO
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CURRENT FILING DAYE: 2001-11-16
NUMBER OF SEO ID NOS: 2606
SOFTWARE: Corixa Invention Disclosure Dat.
                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Chenault, Ruth A. APPLICANT: Meagher, Maddelein Joy TITLE OF INVENTION: COMPOSITIONS OF TITLE OF INVENTION: DIAGNOSIS OF FILE REFERENCE: 210121.561
                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Stolk, APPLICANT: Xu, J:
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                                          ProHisProSerArgArgLeuThrGlnGlyArgTrpValArgLysSerArgValAlaMet
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           ASpThrThrValLysProGlyAlaLysLysAspThrLysAspSerArgProLysLeuPro
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; SEQ ID NO 5; LENGTH: 888; TYPE: DNA; ORGANISM: Homo sUS-09-895-652-5
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APPLICANT: Pillai, Rageswari
APPLICANT: Pillai, Rageswari
TITLE OF INVENTION: Method of Diagnosing, Monitoring, Staging, Imaging and
TITLE OF INVENTION: Treating Colon Cancer
FILE REFERENCE: DEX-0211
CURRENT APPLICATION NUMBER: US/09/895,652
CURRENT FILING DATE: 2001-06-28
PRIOR APPLICATION NUMBER: 60/214,515
PRIOR APPLICATION NUMBER: 60/214,515
PRIOR FILING DATE: 2000-06-28
NUMBER OF SEQ ID NOS: 39
NUMBER OF SEQ ID NOS: 39
SOFTWARE: PatentIn Ver. 2.1
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aLysLysAspThrLysAspSerArgProLysLeuProGlnThrLeuSerArgGlyTrpGl
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                       TTGCTCCTTGTGGCCCTCTCCTACACTCTGGGCCCAGAGATACCACAGTCAAACCTGGAGC
                                    LeuLeuLeuValAlaIaLeuSerTyrThrLeu-AlaArgAspThrThrValLysProGlyAl
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                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TITLE OF INVENTION: AND DIAGNOSIS OF COLON CANCER FILE REFERENCE: 210121.527C1
CURRENT APPLICATION NUMBER: US/10/046,935
CURRENT FILING DATE: 2002-01-15
NUMBER OF SEQ ID NOS: 2239
SOFTWARE: FRACTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Jiang, Yuqiu
APPLICANT: Harlocker, Susan
APPLICANT: Secrist, Heather
APPLICANT: Wang, Aijun
APPLICANT: Stolk, John A.
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{\tt ProGlyAlaLysLysAspThrLysAspSerArgProLysLeuProGlnThrLeuSerArg}
                            TCAGCATTCTTGCTCCTTGTGGCCCTCTCCTACACTCTGGCCAGAGATACCACAGTCAAA
                                         SerAlaPheLeuLeuValAlaLeuSerTyrThrLeuAlaArgAspThrThrValLys
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RESULT 9
US-09-878-178-1635
; Sequence 1635, Applic;
; Patent No. US20020177;
; GENERAL INFORMATION;
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APPLICANT: Harlocker, Susan L.
APPLICANT: Harlocker, Susan L.
APPLICANT: Harlocker, Heather
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THE
TITLE OF INVENTION: AND DIAGNOSIS OF COLON CANCER
FILE REFERENCE: 210121.527
CURRENT APPLICATION NUMBER: US/09/878,178
CURRENT FILING DATE: 2001-06-08
NUMBER OF SEQ ID NOS: 2237
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 1635
LENGTH: 590
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; TYPE: DNA
; ORGANISM: Homo :
US-09-878-178-1635
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Best Local Similarity:
Query Match:
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APPLICANT: Wang, Aijun
APPLICANT: Stolk, John A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
TITLE OF INVENTION: AND DIAGNOSIS OF COLON CANCER
FILE REFERENCE: 210121.527C1
CURRENT APPLICATION NUMBER: US/10/046,935
CURRENT FILING DATE: 2002-01-15
NUMBER OF SEQ ID NOS: 2239
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1331
LENGTH: 554
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Secrist, Heather
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Sequence 1331, Application US/09878178

Patent No. US20020177552A1

GENERAL INFORMATION:
APPLICANT: Jiang, Yuqiu
APPLICANT: Jiang, Yuqiu
APPLICANT: Secrist, Heather
APPLICANT: Secrist, Heather
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF COLON CANCER
FILE REFERENCE: 2101215.27
CURRENT APPLICATION NUMBER: US/09/878,178
CURRENT APPLICATION NUMBER: US/09/878,178
CURRENT FILING DATE: 2001-06-08
NUMBER OF SEQ ID NOS: 2237
SOCTWARE: FESTSEQ for Windows Version 4.0
SEQ ID NO 1331
LENGTH: 554
TYPE: DNA
ORGANISM: Homo sapien
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APPLICANT: Jiang, Yuqiu
APPLICANT: Harlocker, Susan L.
APPLICANT: Secrist, Heather
APPLICANT: Secrist, Heather
APPLICANT: Wang, Aijun
APPLICANT: Stolk, John A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF COLON CANCER
FILE REFERENCE: 210121.527C1
CURRENT APPLICATION NUMBER: US/10/046,935
CURRENT FILING DATE: 2002-01-15
NUMBER OF SEQ ID NOS: 2239
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1481
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 12
US-10-046-935-1481
; Sequence 1481, Application US/10046935
; Patent No. US20020156011A1
; GENERAL INFORMATION:
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; LOCATION: 581
; OTHER INFORMATION: n =
US-10-046-935-1481
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TYPE: DNA
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FEATURE:
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                                       LysIleProValSerAlaPheLeuLeuLeuValAlaLeuSerTyrThrLeuAlaArgAsp
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APPLICANT: Jiang, Yuqiu
APPLICANT: Harlocker, Susan L.
APPLICANT: Secrist, Heather
APPLICANT: Secrist, Heather
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
TITLE OF INVENTION: AND DIAGNOSIS OF COLON CANCER
FILE REFERENCE: 210121.527
CURRENT APPLICATION NUMBER: US/09/878,178
CURRENT FILING DATE: 2001-06-08
NUMBER OF SEQ ID NOS: 2237
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1481
LENGTH: 600
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Best Local Similarity:
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                                                                                                                                                                                                                                          ORGANISM: HOMO FEATURE:
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GENERAL INFORMATION:

APPLICANT: Boyd, Robert Simon
APPLICANT: Stamps, Alasdair Craig
APPLICANT: Stamps, Alasdair Craig
APPLICANT: Terrett, Jonathan Alexander
APPLICANT: Tyson, Kerry Louise
TITLE OF INVENTION: Diagnostic and Therapeutic Met
FILE REFERENCE: 2543-1-005N
CURRENT APPLICATION NUMBER: US/09/792,439
CURRENT FILING DATE: 2001-02-23
PRIOR APPLICATION NUMBER: GB 0004576.5
PRIOR FILING DATE: 2000-02-25
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSEQ for Windows Version 4.0
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; LENGTH: 543
; TYPE: DAA
; ORGANISM: human
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US-09-792-439-1
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ArgValAlaMetGluLysIleProValSerAlaPheLeuLeuLeuValAlaLeuSerTyr
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                                                 AGAGTTGCCATGGAGAAAATCCCAGTGTCAGCATTCTTGCTCCTTGTGGCCCCTCTCCTAC
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	; ORGANISM: Homo sapiens ; FEATURE: ; NAME/KEY: misc_feature ; LOCATION: 516 ; OTHER INFORMATION: n = A,T,C or G US-09-919-580-786	URE: URE: KEY TION R IN	ORGA FEAT NAME LOCA OTHE -09-91	US;
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	19,580	REFE!	FILE	
	Pyle, Ruth Xu, Jiangchun Secrist, Heather INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY INVENTION: AND DIAGNOSIS OF COLON CANCER	CANT CANT CANT OF	APPLION APPLION APPLION APPLION TITLE TITLE	
	)-786 (5, Application US/09919580 US20020110832A1 CORMATTON:	5 9-58 ce 78 No.	SULT 1 09-91 Sequence Setent	RES US- S S
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188 481	ArgAlaAspIleThrGlyArgTyrSerAsnArgLeuTyrAlaTyrGluProAlaAspThr 18 	9 Arg	16 42	요 성
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	173 ThrGlyArgTyrSerAsnArgLeuTyrAlaTyrGluProAlaAspThrAlaLeu 190	Qy
482	423 GGCCAGTATGTCCCCAGGATTATGTTTGACCCATCTCTGACAGTTAGAGCCGATATC	Db
172		Qy
422	-	Db
152	133 GluGlnPheValLeuLeuAsnLeuValTyrGluThrThrAspLysHisLeuSerProAsp	Qy
362	303 CCACACAGTCAAGCTTTAAAGAAAGTGTTTGCTGAAAATAAAGAAATCCAGAAATTGGCA	Db
132	_	Qy
302	243 CTATATAAATCCAAGACAAGCAACAAACCCTTGATGATTATTCATCACTTGGATGAGTGC	Db
112	- 0)	Qy
242	183 CAGACCCTCTCCAGAGGTTGGGGTGACCAACTCATCTGGACTCAGACATATGAAGAAGCT	Db
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Search completed: March 13, 2003, 20:47:30 Job time : 106 secs

